

## Claimed Rights

There are two items in the claimed rights.

### 1. A method for email communication with the following characteristics.

Steps involved at sender side:

- (1) a sender  $x$  packs an email  $D$  into  $D'$  which is to be transmitted to a receiver  $y$ ;
- (2) the sender  $x$  transmits the packed email  $D'$  to its registered mail server  $X$ ;
- (3) the sender  $x$  or the server  $X$  sets the access permission of  $D'$  on the server  $X$  in such a way that  $D'$  on the server  $X$  may only be accessed by designated receiver  $y$ ;
- (4) the server  $X$  sends a message  $M$  to a server  $Y$  notifying that an email  $D'$  is accessible to one of its registered user  $y$ .
- (5) If  $M$  is successfully sent, sending operation ends, otherwise, the operation goes to the following step;
- (6) if the server  $X$  does not receive acknowledgement for  $M$  within certain predetermined times  $N$ , the operation goes to the step (7). Otherwise goes to step (4), and takes another try.
- (7) the server  $X$  sends an error report to user  $x$ ; then ends the session.

Steps involved at receiver side:

- (1) a receiver  $y$  receives a message  $M$  from its mail server  $Y$ .
  - (2) the receiver  $y$  downloads a packed email  $D'$  from server  $X$  based on the message in  $M$ ;
  - (3) the receiver  $y$  unpacks  $D'$  and reveals the original email data  $D$ .
2. Following the above item 1, according to method that generates message  $M$  which consists of the location that stores the email and the message of the sender.